=> d his full

```
FILE 'REGISTRY' ENTERED AT 12:24:09 ON 05 NOV 2009
              E DEOXYNOJIRIMYCIN/CN
1.56
             1 SEA SPE=ON ABB=ON PLU=ON DEOXYNOJIRIMYCIN/CN
               D SCA
    FILE 'ZCAPLUS' ENTERED AT 12:25:52 ON 05 NOV 2009
               E US2006-595584/APPS
L57
             1 SEA SPE=ON ABB=ON PLU=ON US2006-595584/AP
               D SCA
               SEL RN
    FILE 'REGISTRY' ENTERED AT 12:26:53 ON 05 NOV 2009
L58
             9 SEA SPE=ON ABB=ON PLU=ON (1044661-10-0/BI OR 37237-44-8/BI
               OR 37288-39-4/BI OR 72432-03-2/BI OR 72599-27-0/BI OR 850859-82
               -4/BT OR 9001-42-7/BT OR 9004-10-8/BT OR 9031-11-2/BT)
               D SCA
             2 SEA SPE=ON ABB=ON PLU=ON L58 AND NRS>1
L59
               D SCA
               D RSD
             2 SEA SPE=ON ABB=ON PLU=ON L59 AND 3/NRRS
L60
               E BETA-CHOLESTEROL/CN
               E CHOLESTEROL/CN
             1 SEA SPE=ON ABB=ON PLU=ON CHOLESTEROL/CN
L61
               D SCA
L62
      2648798 SEA SPE=ON ABB=ON PLU=ON 46.156.1/RID
        141915 SEA SPE=ON ABB=ON PLU=ON L62 AND NRRS>2
1.63
L64
         47254 SEA SPE=ON ABB=ON PLU=ON L63 AND O>3
     FILE 'STNGUIDE' ENTERED AT 12:34:49 ON 05 NOV 2009
    FILE 'REGISTRY' ENTERED AT 12:39:15 ON 05 NOV 2009
T.65
               STRUCTURE UPLOADED
L66
            50 SEA SSS SAM L65
               D STAT OUE
1.67
          3943 SEA SSS FUL L65
               SAVE TEMP L67 BAE584STRL65/A
1.68
           113 SEA SPE=ON ABB=ON PLU=ON L67 AND NRRS>2
     FILE 'ZCAPLUS' ENTERED AT 12:42:19 ON 05 NOV 2009
               E ANTIOBESITY AGENTS+ALL/CT
L69
         14268 SEA SPE=ON ABB=ON PLU=ON ANTIOBESITY?/BI OR ANTI OBESITY?/BI
L70
         61289 SEA SPE=ON ABB=ON PLU=ON OBESITY/BI
L71
         29244 SEA SPE=ON ABB=ON PLU=ON APPETITE/BI
L72
         58364 SEA SPE=ON ABB=ON PLU=ON WEIGHT LOSS/BI
1.73
          5270 SEA SPE=ON ABB=ON PLU=ON OVERWEIGHT?/BI
               E APPETITE DEPRESSANTS+ALL/CT
               E E22+ALL/CT
L74
        738619 SEA SPE=ON ABB=ON PLU=ON DIET?/BI
L75
        148365 SEA SPE=ON ABB=ON PLU=ON BODY WEIGHT?/BI
               E INSULIN RESISTANCE+ALL/CT
L76
         10665 SEA SPE=ON ABB=ON PLU=ON ANOREX?/BI
         34874 SEA SPE=ON ABB=ON PLU=ON INSULIN?/BI (3A) ?RESIST?/BI
        248819 SEA SPE=ON ABB=ON PLU=ON INSULIN?/BI
L78
L79
            21 SEA SPE=ON ABB=ON PLU=ON METABOLIC CARDIOVASCULAR SYNDROME/B
```

E SYNDROME X+ALL/CT E E3+ALL/CT

1

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1.80
        12035 SEA SPE=ON ABB=ON PLU=ON SYNDROME X/BI OR X SYNDROME?/BI
L81
            30 SEA SPE=ON ABB=ON PLU=ON DEADLY QUARTET?/BI
L82
         13474 SEA SPE=ON ABB=ON PLU=ON METABOLIC SYNDROME?/BI
L83
            25 SEA SPE=ON ABB=ON PLU=ON PLURIMETABOLIC SYNDROME?/BI
L84
            14 SEA SPE=ON ABB=ON PLU=ON L68 AND (L69 OR L70 OR L71 OR L72
               OR L73 OR L74 OR L75 OR L76 OR L77 OR L78 OR L79 OR L80 OR L81
               OR L82 OR L83)
               D SCA
L85
        261608 SEA SPE=ON ABB=ON PLU=ON DIET/BI
L86
            10 SEA SPE=ON ABB=ON PLU=ON L68 AND ((L69 OR L70 OR L71 OR L72
               OR L73 OR L75 OR L76 OR L77 OR L78 OR L79 OR L80 OR L81 OR L82
               OR L83 OR L85))
               D SCA
       2012565 SEA SPE=ON ABB=ON PLU=ON (THU OR DMA OR BAC OR PKT OR
1.87
               PAC)/RL
             8 SEA SPE=ON ABB=ON PLU=ON (L68 (L) L87) AND ((L69 OR L70 OR
L88
               L71 OR L72 OR L73 OR L75 OR L76 OR L77 OR L78 OR L79 OR L80 OR
               L81 OR L82 OR L83 OR L85))
L89
             2 SEA SPE=ON ABB=ON PLU=ON L86 NOT L88
               D SCA
1.90
           396 SEA SPE=ON ABB=ON PLU=ON L67 AND ((L69 OR L70 OR L71 OR L72
               OR L73 OR L75 OR L76 OR L77 OR L78 OR L79 OR L80 OR L81 OR L82
               OR L83 OR L85))
    FILE 'REGISTRY' ENTERED AT 12:56:10 ON 05 NOV 2009
    FILE 'ZCAPLUS' ENTERED AT 12:56:19 ON 05 NOV 2009
1.91
               TRA PLU=ON L90 1- RN : 41813 TERMS
    FILE 'REGISTRY' ENTERED AT 12:57:09 ON 05 NOV 2009
L92
          41813 SEA SPE=ON ABB=ON PLU=ON L91
L93
          41795 SEA SPE=ON ABB=ON PLU=ON L92 NOT L68
          5379 SEA SPE=ON ABB=ON PLU=ON L93 AND NRRS>2
1.94
    FILE 'ZCAPLUS' ENTERED AT 13:00:50 ON 05 NOV 2009
        242414 SEA SPE=ON ABB=ON PLU=ON L94 (L) L87
L95
1.96
           171 SEA SPE=ON ABB=ON PLU=ON L95 AND L90
           339 SEA SPE=ON ABB=ON PLU=ON (L67 (L) L87) AND L90
L97
           169 SEA SPE=ON ABB=ON PLU=ON L96 AND L97
L98
    FILE 'REGISTRY' ENTERED AT 13:02:59 ON 05 NOV 2009
L99
          3830 SEA SPE=ON ABB=ON PLU=ON L67 NOT L68
   FILE 'ZCAPLUS' ENTERED AT 13:03:11 ON 05 NOV 2009
L100
           126 SEA SPE=ON ABB=ON PLU=ON L99/D
L101
             3 SEA SPE=ON ABB=ON PLU=ON L100 AND L98
               D SCA
L102
           166 SEA SPE=ON ABB=ON PLU=ON L98 AND P/DT
L103
            3 SEA SPE=ON ABB=ON PLU=ON L98 NOT L102
L104
            1 SEA SPE=ON ABB=ON PLU=ON L103 AND PY<2004
L105
            39 SEA SPE=ON ABB=ON PLU=ON L102 AND PD<20031029
L106
            71 SEA SPE=ON ABB=ON PLU=ON L102 AND PRD<20031029
L107
            51 SEA SPE=ON ABB=ON PLU=ON L102 AND AD<20031029
            72 SEA SPE=ON ABB=ON PLU=ON (L104 OR L105 OR L106 OR L107)
55 SEA SPE=ON ABB=ON PLU=ON L108 AND ((L69 OR L70 OR L71 OR
L108
T-109
               L72 OR L73 OR L75 OR L76 OR L77 OR L79 OR L80 OR L81 OR L82 OR
               L83 OR L85))
L110 2751627 SEA SPE=ON ABB=ON PLU=ON COMPOSITION?/BI OR FORMULATION?/BI
        17565 SEA SPE=ON ABB=ON PLU=ON COADMIN?/BI OR CO ADMIN?/BI
```

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10/595584
L112 725004 SEA SPE=ON ABB=ON PLU=ON COMBINATION?/BI
L113
            49 SEA SPE=ON ABB=ON PLU=ON L109 AND (L110 OR L111 OR L112)
    FILE 'REGISTRY' ENTERED AT 13:20:42 ON 05 NOV 2009
             1 SEA SPE=ON ABB=ON PLU=ON 72432-03-2
               D SCA
                D SCA
   FILE 'ZCAPLUS' ENTERED AT 13:21:23 ON 05 NOV 2009
            16 SEA SPE=ON ABB=ON PLU=ON L113 AND POLY?/BI
    FILE 'REGISTRY' ENTERED AT 13:22:28 ON 05 NOV 2009
                E ADAMANTANE METHANOL/CN
               D SCA L58
L116
              1 SEA SPE=ON ABB=ON PLU=ON ADAMANTANE/CN
L117
             1 SEA SPE=ON ABB=ON PLU=ON PHENANTHRENE/CN
1.118
             1 SEA SPE=ON ABB=ON PLU=ON CHOLESTEROL/CN
                E B-CHOLESTEROL/CN
                D IDE L118
               D RSD L118
L119
       281151 SEA SPE=ON ABB=ON PLU=ON 4432.3/RID
                D RSD L117
                D SCA L117
         21780 SEA SPE=ON ABB=ON PLU=ON 2404.11.109/RID
L120
                D RSD L116
L121 180018 SEA SPE=ON ABB=ON PLU=ON 638.8.1/RID
L122
          3830 SEA SPE=ON ABB=ON PLU=ON (L67 NOT L68)
    FILE 'ZCAPLUS' ENTERED AT 13:29:25 ON 05 NOV 2009
           286 SEA SPE=ON ABB=ON PLU=ON L122 AND ((L69 OR L70 OR L71 OR
                L72 OR L73 OR L75 OR L76 OR L77 OR L79 OR L80 OR L81 OR L82 OR
                L83 OR L85))
L124
            99 SEA SPE=ON ABB=ON PLU=ON L123 AND L119
         91968 SEA SPE=ON ABB=ON PLU=ON L119 (L) L87
L125
L126
           969 SEA SPE=ON ABB=ON PLU=ON L120 (L) L87
          8445 SEA SPE=ON ABB=ON PLU=ON L121 (L) L87
L127
L128
          998 SEA SPE=ON ABB=ON PLU=ON L122 (L) L87
94 SEA SPE=ON ABB=ON PLU=ON (L125 OR L126 OR L127) AND L128
L129
               AND ((L69 OR L70 OR L71 OR L72 OR L73 OR L75 OR L76 OR L77 OR
               L79 OR L80 OR L81 OR L82 OR L83 OR L85))
L130
           93 SEA SPE=ON ABB=ON PLU=ON L129 AND P/DT
L*** DEL
           94 S L129 AND PY<20034
L*** DEL
           15 S L129 AND PY<2004
L131
            1 SEA SPE=ON ABB=ON PLU=ON L129 NOT L130
0 SEA SPE=ON ABB=ON PLU=ON L131 AND PY<2004
L132
L133
           15 SEA SPE=ON ABB=ON PLU=ON L130 AND PD<20031029
L134
           31 SEA SPE=ON ABB=ON PLU=ON L130 AND PRD<20031029
L135
           23 SEA SPE-ON ABB-ON PLU-ON L130 AND AD<20031029
           31 SEA SPE=ON ABB=ON PLU=ON (L132 OR L133 OR L134 OR L135)
L136
L137
           49 SEA SPE=ON ABB=ON PLU=ON L113 OR L115
           27 SEA SPE=ON ABB=ON PLU=ON L136 AND L137
10 SEA SPE=ON ABB=ON PLU=ON (L136 OR L138) AND POLY?/BI
31 SEA SPE=ON ABB=ON PLU=ON (L136 OR L138 OR L139
L138
L139
L140
L141
            27 SEA SPE=ON ABB=ON PLU=ON L140 AND (L110 OR L111 OR L112)
            13 SEA SPE=ON ABB=ON PLU=ON (L86 OR L88 OR L101)
L142
```

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:45:17 ON 05 NOV 2009

0 SEA SPE=ON ABB=ON PLU=ON L142 AND (L140 OR L141 OR L113 OR

27 SEA SPE=ON ABB=ON PLU=ON (L140 OR L141) AND (L113 OR L115)

L143

L144

1.115)

```
FILE 'REGISTRY' ENTERED AT 13:45:21 ON 05 NOV 2009
              SET SMARTSELECT ON
L145
              SEL PLU=ON L68 1- CHEM: 114 TERMS
              SET SMARTSELECT OFF
    FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:45:27 ON 05 NOV 2009
L146 0 SEA SPE=ON ABB=ON PLU=ON L145
    FILE 'ZCAPLUS' ENTERED AT 13:46:18 ON 05 NOV 2009
L147
          320 SEA SPE=ON ABB=ON PLU=ON AERTS J?/AU, AUTH
          21 SEA SPE=ON ABB=ON PLU=ON L147 AND L67
L148
            6 SEA SPE=ON ABB=ON PLU=ON L148 AND ((L69 OR L70 OR L71 OR
L149
              L72 OR L73 OR L75 OR L76 OR L77 OR L79 OR L80 OR L81 OR L82 OR
              L83 OR L85))
   FILE 'REGISTRY' ENTERED AT 13:47:42 ON 05 NOV 2009
L150
         19 SEA SPE=ON ABB=ON PLU=ON L67 AND MEDLINE/LC
L151
            9 SEA SPE=ON ABB=ON PLU=ON L67 AND EMBASE/LC
           28 SEA SPE=ON ABB=ON PLU=ON L67 AND BIOSIS/LC
L152
L153
           35 SEA SPE=ON ABB=ON PLU=ON (L150 OR L151 OR L152)
    FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:48:30 ON 05 NOV 2009
    FILE 'REGISTRY' ENTERED AT 13:48:36 ON 05 NOV 2009
              SET SMARTSELECT ON
L154
              SEL PLU=ON L153 1- CHEM: 122 TERMS
              SET SMARTSELECT OFF
   FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:48:42 ON 05 NOV 2009
L155 5584 SEA SPE=ON ABB=ON PLU=ON L154
           72 SEA SPE=ON ABB=ON PLU=ON L155 AND L147
L156
   FILE 'ZCAPLUS, MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:49:23 ON 05 NOV 2009
L157 47 DUP REM L148 L156 (46 DUPLICATES REMOVED)
                   ANSWERS '1-21' FROM FILE ZCAPLUS
                   ANSWERS '22-28' FROM FILE MEDLINE
                   ANSWERS '29-38' FROM FILE EMBASE
                   ANSWERS '39-47' FROM FILE BIOSIS
    FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:49:38 ON 05 NOV 2009
            21 SEA SPE=ON ABB=ON PLU=ON L156 AND ((L69 OR L70 OR L71 OR
               L72 OR L73 OR L75 OR L76 OR L77 OR L79 OR L80 OR L81 OR L82 OR
               L83 OR L85))
    FILE 'REGISTRY' ENTERED AT 13:50:43 ON 05 NOV 2009
    FILE 'ZCAPLUS' ENTERED AT 13:50:47 ON 05 NOV 2009
              D STAT OUE L149
```

FILE 'ZCAPLUS, MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:51:27 ON 05 NOV 2009 L159 14 DUP REM L149 L158 (13 DUPLICATES REMOVED) ANSWERS '1-6' FROM FILE ZCAPLUS ANSWERS '7-9' FROM FILE MEDLINE

ANSWERS '10-11' FROM FILE EMBASE ANSWERS '12-14' FROM FILE BIOSIS

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:51:01 ON 05 NOV 2009

D IBIB ABS HITIND HITSTR L159 1-6

D STAT OUE L158

D IALL L159 7-14

FILE 'REGISTRY' ENTERED AT 13:52:46 ON 05 NOV 2009

FILE 'ZCAPLUS' ENTERED AT 13:52:49 ON 05 NOV 2009

D STAT QUE L86

D STAT QUE L88

D STAT QUE L101

L160 13 SEA SPE=ON ABB=ON PLU=ON L86 OR L88 OR L101

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:53:16 ON 05 NOV 2009

D STAT OUE L146

FILE 'ZCAPLUS' ENTERED AT 13:53:45 ON 05 NOV 2009

D IBIB ABS HITIND HITSTR L160 1-13

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:54:14 ON 05 NOV 2009

FILE 'REGISTRY' ENTERED AT 13:54:44 ON 05 NOV 2009

FILE 'ZCAPLUS' ENTERED AT 13:54:46 ON 05 NOV 2009

D STAT QUE L136 D STAT OUE L138

D STAT QUE L139

D STAT QUE L139

L161 31 SEA SPE=ON ABB=ON PLU=ON L136 OR L138 OR L139 OR L141
D IBIB ABS HITIND HITSTR L161 1-31

FILE 'REGISTRY' ENTERED AT 13:58:52 ON 05 NOV 2009

FILE 'ZCAPLUS' ENTERED AT 13:58:54 ON 05 NOV 2009

D STAT OUE L113

D STAT QUE L115

L162 22 SEA SPE=ON ABB=ON PLU=ON (L113 OR L115) NOT L161
D IBIB ABS HITIND HITSTR L162 1-22

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the  ${\tt ZIC/VINITI}$  data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 NOV 2009 HIGHEST RN 1191028-08-6
DICTIONARY FILE UPDATES: 3 NOV 2009 HIGHEST RN 1191028-08-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting  ${\tt SmartSELECT}$  searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

## FILE ZCAPLUS

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FILE COVERS 1907 - 5 Nov 2009 VOL 151 ISS 19
FILE LAST UPDATED: 4 Nov 2009 (20091104/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

ZCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

## http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAplus family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

FILE STNGUIDE FILE CONTAINS CURRENT INFORMATION. LAST RELOADED: Oct 30, 2009 (20091030/UP).

# FILE MEDLINE

FILE LAST UPDATED: 4 Nov 2009 (20091104/UP). FILE COVERS 1949 TO DATE.

MEDLINE and LMEDLINE have been updated with the 2009 Medical Subject Headings (MeSH) vocabulary and tree numbers from the U.S. National Libra of Medicine (NLM). Additional information is available at

## http://www.nlm.nih.gov/pubs/techbull/nd08/nd08\_medline\_data\_changes\_2009.

On February 21, 2009, MEDLINE was reloaded. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

See HELP RANGE before carrying out any RANGE search.

#### .... .......

FILE COVERS 1974 TO 5 Nov 2009 (20091105/ED)

EMBASE was reloaded on March 30, 2008.

 ${\tt EMBASE}$  is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Beginning January 2008, Elsevier will no longer provide EMTREE codes as part of the EMTREE thesaurus in EMBASE. Please update your current-awareness alerts (SDIs) if they contain EMTREE codes.

For further assistance, please contact your local helpdesk.

FILE BIOSIS

FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT

FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 4 November 2009 (20091104/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

Uploading L65.str

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chain nodes: 7 8 9 10 11 ring nodes: 1 2 3 4 5 6 chain bonds: 1 -9 2-10 3-11 6-7 7-8 ring bonds: 1-9 12 1-6 2-3 3-4 4-5 5-6 exact bonds: 1 -2 1-6 1-9 2-3 2-10 3-4 3-11 4-5 5-6 6-7 7-8
```

Match level: 1:Atom 2:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 11:CLASS

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